

1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790 18

2phf_A	ERWEDVKEEMTSALATMVRDVYEQ	I KIKKIEDASN P	LLLKRKKARALEAAAALAH-
1kwp_A	-DTQQALSSAWSHPQFEK-		
1jkk_A			
31198471.i	VNPExYFNGQIYSSGTG- LSTSPHSLSLVDDDEDEDDEEEEDPFAHAIIDDSFVDIDELQDDDICPLTHDEDEKLVE	RSEYLCGSRET H-AAGTILAKGIONLISQEPSTCNHHSTTDITTAASVGVI GTSALVGATDAESIPR VGGASKAIVNPSLLPQQTIA CESARQAYRRSNRQSMCDSSCSTTPSIALPP	
19922870.f	ANPNLYFSGCYLSSSTSV- LSTISP	QESFSHIEESSIG GSDDARLA SHR	TGHKLCKVN EAKINHMDLTYAK QFQLNSVSNEHLRVSLPDSSHT EIG
34877679.m	PESGLMSAASLELASRS	PSEVAQ	GSICSSKSENDIFK NKLQPCVS
18497292.m	PESGLSSAASLLEIGRS	PSEMAQ	EAPGN-HCLHLEDPSSPV S
PASK_h	PESGVLSAASLEMGNRS	LSDVAQ	REGIQCQPHAPR ETRGDQHCLHLKDPSLPVS
3994004.y			AQELCGGFPVG EAPNGQGCLHPGDPRL LTS
32411247.y			
6319302.y			
6324527.y			
19114824.y			
lia8_A	PSG		
23619097.z			
23619489.z	KKEDKNDNFISNLTKKQCFINSFNA SLNFDKLRKGKKAYKHFIHNSKDDMYSLIVETQQR LADYLEDDSYMSDKIDSTDTISETDSNKYTTSFYNLNKEKK-EKSLSGTAIRNEFGKKNNKLNEYNTTISDPVICKVWRETHLNKSFKKKCELFKNERKITESKDLKKKKKKN ECDITNREN IYNSIKEKFSDS		
9628227.v	T		

1810 1820 1830 1840 1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 20

2phk_A
1kwp_A
1jkk_A
31198471.i SSSVVVMCTMMPYSVLNSGDSCCSSVTMSSCCSFEEHHLHFHYPDGST
19922870.f TYNNVVSLEDVSTKPKLSDLK
34877679.m
18497292.m
PASK.h
39940040.y
32411247.y
6319302.y
6324527.y
19114824.y
lia8_A
23619097.z
23619489.z NKDNFVVKNDKKIKDVLNSGGMITIYSDTYSQINDQLDITKMDTIDNDNFKKLKEKNQNDSIEPNNTIYNEKKTTIVDMKNNGDSISIYNNNLKEEDETKENVVEVNNMNEKYCENILKNGTSEKQHTHIMEKDKNSNKELKDVFEEKIVDTSCEKINVVDNNIDKCHVLRNITPTFYMSFFSGSLENINXNMNTNEKIDIDK
6582227.y

2010 2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180 2190 22

2phk_A
1kwp_A
1jkk_A
31198471.i
19922870.f
34877679.m
18497292.m
PASK.h
39940040.y
32411247.y
6319302.y
6324527.y
19114824.y
lia8_A
23619097.z
23619489.z NSEEDLKMEEKLLKRVNTKVSTNNYEIMNKIKSKEINNNNIDENLTN1KYEKHINNDVSQNNNSVEEINKSYIPIICVHKECSTDLLKQNCGSINLKLKDTYIDEKIRKDQHVGDLKFTDGKGEHQKNQNDTQINLKNDELIKIANVEEKNNENKNNQNLSDVNTEILRKYISDVKNYLLIKPSLNKNNNNNNNNNNN

2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2390 24

